



A service of the National Library of Medicine
and the National Institutes of Health

My NCBI

[\[Sign in\]](#) [\[Register\]](#)

[All Databases](#)

[PubMed](#)

[Nucleotide](#)

[Protein](#)

[Genome](#)

[Structure](#)

[OMIM](#)

[PMC](#)

[Journals](#)

[Book](#)

Search **MeSH**

☐ for **Gdpfucose synthetase**

[Save Search](#)

[Limits](#)

[Preview/Index](#)

[History](#)

[Clipboard](#)

[Details](#)

[About Entrez](#)

[Text Version](#)

[Entrez PubMed](#)

[Overview](#)

[Help | FAQ](#)

[Tutorials](#)

[New/Noteworthy](#) ☐

[E-Utilities](#)

[PubMed Services](#)

[Journals Database](#)

[MeSH Database](#)

[Single Citation](#)

[Matcher](#)

[Batch Citation](#)

[Matcher](#)

[Clinical Queries](#)

[Special Queries](#)

[LinkOut](#)

[My NCBI](#)

[Related Resources](#)

[Order Documents](#)

[NLM Mobile](#)

[NLM Catalog](#)

[NLM Gateway](#)

[TOXNET](#)

[Consumer Health](#)

[Clinical Alerts](#)

[ClinicalTrials.gov](#)

[PubMed Central](#)

Suggestions: [Gdpfucose synthetase](#), [Glutamine synthetase](#), [Glycogen synthetase](#), [Cellulose synthetase](#), [Ceramide synthetase](#), [Glucosamine synthetase](#), [Lactose synthetase](#), [Spermine synthetase](#), [Theanine synthetase](#), [Glyoxylate synthetase](#), [More...](#)

Display **Full**

Show **20**

Send to

☐ All: 1

- If making selections (e.g., Subheadings, etc.), use the [Send to Search Box](#) feature to see PubMed records with those specifications.
- Select PubMed under the Links menu to retrieve all records for the MeSH Term.
- Select [NLM MeSH Browser](#) under the Links menu for additional information.

☐ 1: **GDPfucose synthetase** [Substance Name]

[Links](#)

GDPmannose is converted to GDP-4-keto-6-deoxymannose by EC 4.2.1.47; the latter is then reduced by NADPH to GDPfucose
Date introduced: January 1, 1973

Registry Number: 77536-21-1

Heading Mapped to:

- [Hydro-Lyases](#)

Previous Indexing:

- [CARBOHYDRATE DEHYDROGENASES](#)
- [OXIDOREDUCTASES \(1973-1980\)](#)
- [FUCOSE \(1973-1980\)](#)
- [GUANINE NUCLEOTIDES \(1973-1980\)](#)
- [GUANOSINE DIPHOSPHATE FUCOSE \(1973-1982\)](#)

Display **Full**

Show **20**

Send to

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)
[Department of Health & Human Services](#)
[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)